

What is claimed is:

1. A trash can assembly, comprising:

an outer shell having an upper edge that defines an open upper end;

a lid having an edge that is pivotably connected to the upper edge of the outer shell

5 by a connector;

wherein the connector includes:

a sleeve that is coupled to the upper edge of the outer shell;

a non-metal tube that is positioned inside the sleeve, the tube having a bore;

and

10 a shaft received inside the bore of the tube.

2. The assembly of claim 1, further including an upper support frame coupled to the upper end of the outer shell, and wherein the shaft is coupled to the upper support frame.

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3. The assembly of claim 1, wherein a longitudinal opening is defined along the sleeve, and the tube has a longitudinal protruding edge which is fitted in the longitudinal opening.

20 4. The assembly of claim 1, wherein the shaft has a first section and a second section which has a diameter that is greater than the diameter of the first section.

5. The assembly of claim 4, wherein the first section of the shaft is received inside the bore of the tube, with the second section of the shaft positioned outside the bore
25 of the tube.

6. The assembly of claim 3, wherein the tube has an opening positioned along the protruding edge at a location that is adjacent the location of the shaft when the shaft is received inside the bore of the tube so as to expose the shaft from the tube.

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7. The assembly of claim 1, wherein the sleeve and the shaft are made of metal.

8. A trash can assembly, comprising:

an outer shell having an upper edge that defines an open upper end;

a lid having an edge that is pivotably connected to the upper edge of the outer shell;

5 a bracket coupled to the lid;

a foot pedal;

a link rod having a first end coupled to the foot pedal and a second end coupled to
the bracket; and

a non-metal washer that separates the second end of the link rod and the bracket.

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9. The assembly of claim 8, wherein the link rod and the bracket are made of
metal.

10. The assembly of claim 8, wherein the washer partially encapsulates the
15 second end of the link rod.

11. A trash can assembly, comprising:

an outer shell having an upper edge that defines an open upper end, the outer shell
defining an interior space;

20 a lid having an edge that is pivotably connected to the upper edge of the outer shell;
and

a plurality of inner liners arranged inside the interior space.

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